LABDEX

Online Conductivity Controller LX100OCC

Email: info@labdex.com **website:** www.labdex.com

Description

Online conductivity controller LX100OCC is a portable unit with automatic temperature compensation (ATC) that provides highly accurate results. It simultaneously displays measured parameters such as conductivity, TDS, temperature, date and time. Measures primary controlling parameter conductivity of solutions. Alarm output according to the upper and low limits of conductivity.

Specifications

Conductivity range	0 ~ 20 mS/cm
Auto reversible conductivity range	0 ~ 20 µS/cm 0 ~ 200 µS/cm 0 ~ 2000 µS/cm 0 ~ 20 mS/cm
Conductivity electrode	Process conductivity electrode (LX4200)
Electrode cell constant	0.1
Temperature compensation	0 ~ 60 °C
Ambient Temperature	0 ~ 50 °C
Humidity	≤ 85 %
Alarm output	220 V / 6 A
Current output	4 mA ~ 20 mA Isolated DC output (Max Load : 750 Ω)
Power	110 V 220 V 240 V
Dimensions	Frame dimensions : 96 mm × 96 mm Panel dimensions : 91 mm × 91 mm Depth : 100 mm

Features

- RS-232 interface
- Alarm output according to the upper and low limits of conductivity
- Automatic reversible measurement range
- Auto adjustable to zero
- Pipe-thread connecting electrode

- Easy calibration
- Came with 4-20mA

Applications

- Used in chemical, pharmaceutical, food industries and medical laboratories. Also widely used for laboratory analysis, soil and water quality tests, etc.

Electrode Specifications

Conductivity electrode	Process conductivity electrode (LX4200)
Material	Stainless steel
Cell constant	0.1
Measurement range	0.01 ~ 300µ S/cm
ATC type	Pt100, Pt1000, 10K, 2.252K, 30K thermisor
Operating temperature	5 ~ 60°C
Thread size	3/4” NPT
Cable length	5 m
Shaft material	PPS

71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.
Email: info@labdex.com | Website: www.labdex.com